

# Field Campaigns





Lab Tours Demonstrations at Science Fairs/Expos Judging Science Competitions Recruiting Underrepresented Minorities





in the lab to a group of K-12 students.

Yu Yao helps judge a science competition

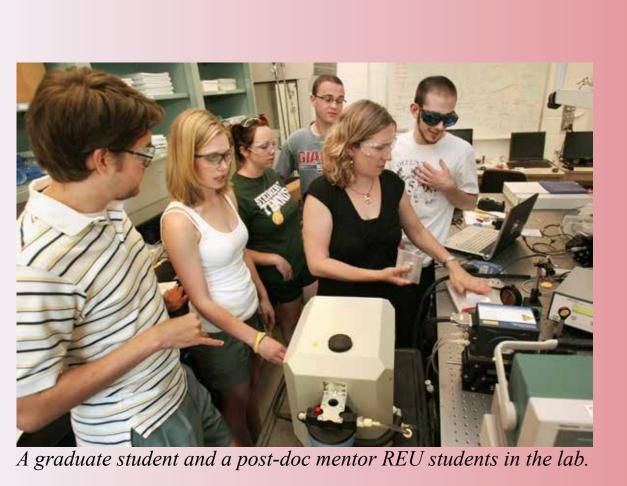




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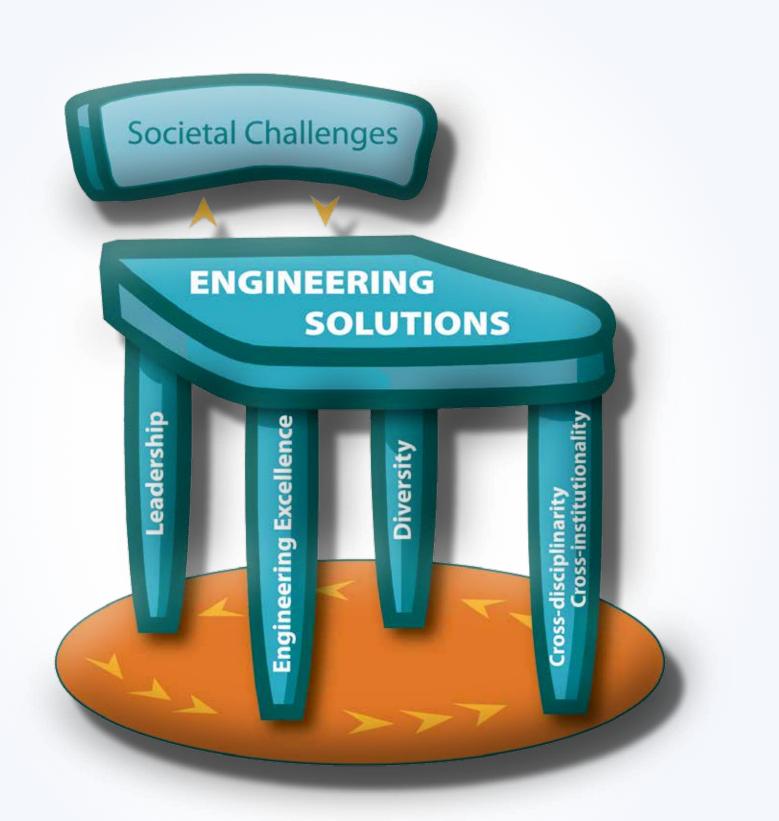








Conference to recruit for the REU program.







## Collaboration & Mentoring



The MIRTHE's post-doc in industry experience helped me clarify academic and career interests, practice work-related skills, develop communication and collaboration skills through interaction with coworkers, scientists and professors. It also provided opportunities to determine if I can perform the essential functions of specific jobs, requesting accommodations from an employer, using assistive technology in a work setting, and to test which accommodations work best for me.

> – Maung Lwing, MIRTHE grad student, now researcher at US Patent and Trademark Office

One of the greatest things about MIRTHE was the exposure to a broad area of research. It really gave me confidence to try something very different from what I did in graduate school. I see a lot of my peers who feel graduate school boxed them into a certain discipline. I never felt that way and I'm sure my involvement in MIRTHE significantly influenced how I feel about my career today. – Anthony Hoffman, MIRTHE graduate student, currently

Assistant Professor at University of Notre Dame





## Inpact on Course Offerings









tudents demonstrate the latest innovations at the MIRTHE booth at CLEO 2013.



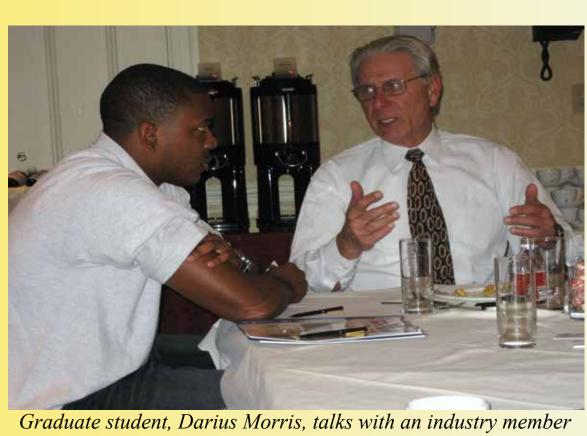
the 4th Annual Keller Center Innovation Forum.

### Innovation & Busines Plan Competitions

2009: Stephen So, Post-doc, placed 2nd in the 4th Annual Keller Center Innovation Forum 2011: Tracy Tsai, Graduate student, placed 2nd in the

**NSF-ERC Elevator Pitch Contest** 2012: Michal Nikodem, Post-doc, placed 2nd in the 7th Annual Keller Center Innovation Forum

2012: Yin Wang, Graduate Student, placed 2nd in the Optoelectronics Start-up Challenge at Photonics West 2013: Lei Tao, Post-doc, placed 1st, and Arvind Ravikumar, Graduate student, placed 3rd at the 8th Annual Keller Center Innovation Forum



**Research Collaboration** 

Internships

Start-up Companies

Innovation Forums

Networking at Workshops/Conferences

during the 2009 SLC Retreat with Industry.



Lei Tao (right) and Arvind Ravikumar (right) named winners at the 8th Annual Keller Center Innovation Forum.

### MIRTHE Library

lection: A collection of reference books recommended by MIRTHE members in the Engineering Library at Princeton University Catalog: A free curriculum of deos of MIRTHE presentations. Presentations re given by MIRTHE faculty, students, and nvited speakers. Videos can be selected from one of four subject areas (Lasers, Materials, Sensing Systems, Applications) and each area is divided into three learning levels (Introductory, Intermediate, Expert), making the curriculum accessible to scholars of different backgrounds/knowledge.

